

## HOUSATONIC RIVER BASIN

## 01208049 NAUGATUCK RIVER NEAR WATERVILLE, CT

**LOCATION.**--Lat 41°36'55", long 73°03'30", New Haven County, Hydrologic Unit 01100005, at Frost Bridge 1.8 mi north of Waterville and 2.4 mi south of Branch Brook.

**DRAINAGE AREA.**--136 mi<sup>2</sup>.

**PERIOD of RECORD.**--October 5, 1967, published as "near Waterbury," October 1980 to current year.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV 05...	1515	44	286	7.6	6.5	11.0	1.8	11.0	101	115	14k	49	13.4
JAN 16...	1610	56	313	7.6	3.5	1.5	1.6	13.8	99	236	58	51	14.1
MAR 20...	1430	175	273	7.1	1.5	5.0	1.1	12.5	98	60	42	41	10.9
MAY 02...	1515	370	153	7.4	10.0	11.0	2.5	10.2	95	40k	16k	30	7.69
JUN 11...	1325	292	146	7.0	32.5	20.0	2.5	8.5	96	88	36	28	7.37
JUL 01...	1255	76	207	7.3	34.5	26.5	1.5	9.1	114	31	24	40	10.4
AUG 12...	1315	26	320	8.2	35.0	28.0	2.1	10.1	131	224	28	47	12.8
SEP 09...	1400	35	296	7.7	35.0	25.0	1.8	9.5	116	100	5k	41	11.0
Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
NOV 05...	3.73	31.8	5.43	0	46	38	26.5	40.1	.2	1.47	154	158	.036
JAN 16...	3.91	39.6	4.25	0	34	28	28.8	55.8	.2	5.63	178	180	.041
MAR 20...	3.48	32.6	2.61	0	26	21	19.9	49.8	.1	5.38	148	148	.013
MAY 02...	2.66	14.8	1.68	0	22	18	13.3	23.5	.1	5.13	92	94	.009
JUN 11...	2.42	14.3	1.55	0	22	18	12.8	19.5	<.1	6.14	85	90	.014
JUL 01...	3.29	22.4	2.78	0	31	25	14.3	32.4	.1	4.52	114	111	.014
AUG 12...	3.71	41.0	5.29	0	38	31	33.5	48.3	.2	2.24	180	181	.037
SEP 09...	3.25	37.6	4.75	0	35	29	27.4	43.4	.3	2.41	159	144	.024
Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
NOV 05...	1.46	E.04	--	.55	.48	2.0	.163	.134	.10	14	.10	17	<.06
JAN 16...	1.33	.06	.48	.54	.53	1.9	.23	.21	.18	11	.12	17	<.06
MAR 20...	.83	E.04	--	.36	.32	1.2	.104	.085	.07	16	.18	16	<.06
MAY 02...	.46	.07	.38	.45	.36	.91	.060	.033	.03	20	.06	14	<.06
JUN 11...	.47	.07	.34	.40	.37	.87	.064	.034	.02	24	.09	16	<.06
JUL 01...	.62	<.04	--	.38	.31	1.0	.174	.145	.12	30	.13	15	<.06
AUG 12...	1.10	E.03	--	.65	.47	1.8	.178	.145	.12	39	.14	13	<.06
SEP 09...	1.20	E.02	--	.54	.47	1.7	.180	.156	.13	28	.19	14	<.06

## 01208049 NAUGATUCK RIVER NEAR WATERVILLE, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV 05...	.14	2.0	.32	5.4	166	.41	26.7	1.1	13.7	<1	10	.09	4.9
JAN 16...	.17	1.8	.42	5.5	134	.32	36.5	2.6	12.1	<1	15	.09	3.5
MAR 20...	.09	.9	.32	3.3	118	.19	44.5	.5	8.62	<1	11	.07	3.3
MAY 02...	.07	E.8	.30	2.5	122	.15	41.5	.3	4.92	<1	9	.06	3.5
JUN 11...	.06	.8	.22	4.2	164	.33	54.2	.2	7.05	<1	7	.07	--
JUL 01...	.12	1.6	.31	3.9	167	.33	16.1	.8	9.16	<1	6	.08	4.4
AUG 12...	.20	1.6	.55	5.5	59	.20	16.6	2.0	14.6	<1	7	.13	4.9
SEP 09...	.14	1.5	.36	5.3	118	.35	12.2	1.3	15.1	<1	7	.11	4.4

Value qualifier codes used in this report:

k -- Counts outside acceptable range